

ABSTRACT OF THE DISCLOSURE

In an air conditioner provided with a capacity variable compressor unit including an inverter, the capacity of the capacity variable compressor unit is controlled in response to air-conditioning load data including temperature difference between a set temperature and an indoor temperature. An inverter frequency for controlling an operation condition of the compressor unit is controlled by limiting a frequency obtained in response to the air-conditioning load data to a value less than a maximally allowable capacity stored in memory means such as ROM or EEPROM.